

WEIGHTED AND PRIORITIZED TASK SCHEDULER

Abstract of Disclosure

In one embodiment, a method, system, and apparatus provide prioritized, fair, and weighted task scheduling for a shared execution queue. New tasks are prioritized according to their processing requirements and held in one or more queues according to their priority levels. Tasks are retrieved from each queue in a fair and weighted manner according to the priority level of each queue. In one embodiment, tasks of approximately equal total processing requirements/time are retrieved from each storage queue in a given task retrieval cycle.

Figures

APPENDIX A: THE DATA SET
APPENDIX B: THE DATA SET
APPENDIX C: THE DATA SET
APPENDIX D: THE DATA SET
APPENDIX E: THE DATA SET
APPENDIX F: THE DATA SET
APPENDIX G: THE DATA SET
APPENDIX H: THE DATA SET
APPENDIX I: THE DATA SET
APPENDIX J: THE DATA SET
APPENDIX K: THE DATA SET
APPENDIX L: THE DATA SET
APPENDIX M: THE DATA SET
APPENDIX N: THE DATA SET
APPENDIX O: THE DATA SET
APPENDIX P: THE DATA SET
APPENDIX Q: THE DATA SET
APPENDIX R: THE DATA SET
APPENDIX S: THE DATA SET
APPENDIX T: THE DATA SET
APPENDIX U: THE DATA SET
APPENDIX V: THE DATA SET
APPENDIX W: THE DATA SET
APPENDIX X: THE DATA SET
APPENDIX Y: THE DATA SET
APPENDIX Z: THE DATA SET